

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	09/694,766
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Filing Date	October 23, 2000
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First Named Inventor	Grindahl et al.
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Art Unit	2664
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Examiner Name	H.Y. Vu
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Attorney Docket Number	2537.01US02
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Sheet

1

of

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
JR	✓	GB 2139709	05-27-1998	Deutsche et al.	
	✓	WO 98/26520	06-18-1998	Wickman et al.	

EXAMINER
SIGNATURE

DATE
CONSIDERED

1/28/09

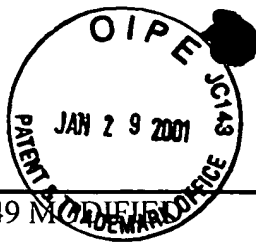
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FORM P-11 MODIFIED				Docket No.: 2537.01US02		Application No.: 09/694,766	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION				APPLICANT: Grindahl et al.			
				FILING DATE: October 23, 2000			
				GROUP ART UNIT: 2664			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
JN	4,800,559	Jan. 1989	Florea et al.				
JN	5,282,222	Jan. 1994	Fattouche et al.				
JN	5,436,902	Jul. 1995	McNamara et al.				
JN	5,889,759	Mar. 1999	McGibney				
JN	5,889,816	Mar. 1999	Agrawal et al.				
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JN	5,914,933	Jun. 1999	Cimini et al.				
JN	5,933,421	Aug. 1999	Almouti et al.				
JN	5,953,311	Sep. 1999	Davies et al.				
JN	5,966,376	Oct. 1999	Rakib et al.				
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JN	5,973,642	Oct. 1999	Li et al.				
JN	6,046,701	Apr. 2000	Carey et al.				
JN	6,084,867	Jul. 2000	Meier				
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EXAMINER INITIAL	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
JN	WO 98/35463	Aug. 1998	PCT				
JN	WO 99/45672	Sep. 1999	PCT				
JN	WO 99/62230	Dec. 1999	PCT				
JN	WO 96/20462	Jul. 1996	PCT				
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)							
JN	<i>On Synchronization in OFDM Systems Using the Cyclic Prefix</i> , Jan-Jaap van de Beek, Magnus Sandell, Per Ola Börjesson, Div. of Signal Processing, Luleå University of Technology, Sweden, pp. 1-5, not dated.						
JN	<i>Robust Channel Estimation for OFDM Systems with Rapid Dispersive Fading Channels</i> , Ye Geoffrey Li, Leonard J. Cimini, Jr., Nelson R. Sollenberger, IEEE Transactions on Communications, pp. 902-915, 1998.						
JN	<i>Time and Frequency Offset in OFDM Systems Employing Pulse Shaping</i> , Daniel Landström, Julia Martinez Arenas, Jan-Jaap van de Beek, Per Ola Börjesson, Marie-Laure Boucheret, Per Ödling, Proceedings of IEEE International Conference on Universal Personal Communication, San Diego, California, pp. 279-283, October 1997.						
JN	<i>Low-Complex Frame Synchronization in OFDM Systems</i> , Jan-Jaap van de Beek, Magnus Sandell, Mikael Isaksson, Per Ola Börjesson, Div. of Signal Processing, Luleå University of Technology, Sweden, 5 pgs., not dated.						
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OTHER DOCUMENTS			
Examiner Initials	(Author, Title, Date, Pertinent Pages, etc.)		
jm	<i>Optimum Receiver Design for Wireless Broad-Band Systems Using OFDM - Part 1</i> , Michael Speth, Stefan A. Fechtel, Gunnar Fock, Heinrich Meyr, IEEE Transactions on Communications, Vol. 47, No. 11, pp. 1668-1677, November 1999.		
jm	<i>The AT&T Labs Broadband Fixed Wireless Field Experiment</i> , Byoung-Jo Kim, N.K. Shankaranarayanan, Paul S. Henry, Kevin Schlosser, Thomas K. Fong, IEEE Communications Magazine, pp. 56-62, October 1999.		
jm	<i>Attenuation and Interference Measurements Conducted by Bell Atlantic to Investigate the Effect on an Operational Multichannel Multipoint Distribution Service (MMDS)</i> , Tu Nguyen, Terry Remy, Kamran Sistanizadeh, Bell Atlantic Network Systems Engineering, Arlington, Virginia, IEEE Transactiona on Communications, pp. 88-91, 1996.		
jm	<i>Multicarrier Modulation for Data Transmission: An Idea Whose Time Has Come</i> , John A. C. Bingham, IEEE Communications Magazine, pp. 5-14, May 1990.		
jm	<i>A Model for the Multipath Delay Profile of Fixed Wireless Channels</i> , Vinko Erceg, David G. Michelson, Saeed S. Ghassenmzadeh, Larry J. Greenstein, A.J. Rustako, Jr., Peter B. Guerlain, Marc K. Dennison, R.S. Roman, Donald J. Barnickel, Spencer C. Wang, Robert R. Miller, IEEE Journal on Selected Areas in Communications, Vol. 17, No. 3, pp. 399-409, March 1999.		
jm	<i>Orthogonal Frequency Division Multiplexing for Wireless Channels</i> , Leonard J. Cimini, Jr., Ye Geoffrey Li, AT&T Labs - Research paper, 84 pgs., not dated.		
jm	<i>Digital Communication Receivers; Synchronization, Channel Estimation, and Signal Processing</i> , Heinrich Meyr, Marc Moeneclae, Stefan A. Fechtel, Wiley Series in Telecommunications and Signal Processing, J. G. Proakis, Series Editor, pp. 211-270, not dated.		
jm	<i>Handbook of Digital Signal Processing; Engineering Applications</i> , Douglas F. Elliott, Editor, Academic Press, pp. 1-170, not dated.		
jm	<i>Digital Communications</i> , Second Edition, John G. Proakis, Editor, McGraw-Hill, Chapters 4 & 5, not dated.		
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